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ABSTRACT

This report is comprised of a series of program descriptions relating to the activities of a research experimental center, a mathematics computer center, a wildlife study center, a social studies laboratory project, and a center for providing management, planning, developmental, and dissemination assistance. Several projects focused on revising the curriculum in the areas of social studies, language arts instruction in the elementary schools, fine arts in rural schools, cultural enrichment, and individualized instruction. One project aimed to acquaint educators with the possible uses of television and another workshop instructed teachers in the use of television, films, and other audio-visual aids. Research into recent educational innovations shaped other projects. Experiments in "team teaching" and "non-graded" classes are also described. (KG)

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Carson City, Nevada .. 1968

ED038462

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FOREWORD

Title III of the Elementary and Secondary Education Act of 1965 (as amended) was passed by the Congress of the United States to provide 100% support funding to assist school districts in the development of imaginative, creative programs designed to resolve significant educational problems. Since the passage of this Act, the State of Nevada has been allocated \$1,443,343 to enable school districts within the State to pursue the educational objectives of Title III and sixteen ESEA Title III projects have been approved in Nevada for an amount totaling \$1,317,260.74.

The abstracts of the Title III programs which appear in this publication were submitted to the Department of Education by each of the ESEA Title III project directors in the State. All abstracts were further revised by Mrs. Lu Walford, Special Publications Consultant to the Nevada Department of Education.

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Clark County School District
2832 East Flamingo Road
Las Vegas, Nevada 89109

Project Title:
Laboratory School Project

Funds Approved for Project:
\$99,505.00

Dr. James I. Mason
Superintendent of Schools

Dr. John A. Pastre
Project Director

PURPOSE: The Laboratory School Project is a one-year planning grant funded under ESEA Title III for the development of a Research Experimental Center for the Clark County School District.

OBJECTIVES: The objectives of the planning grant include: studying the process of change in education; planning for the establishment of a center for innovations in the areas of instructional program, staff characteristics, pupil considerations, and organization and administration evaluation; planning for a dissemination process; planning for an on-site laboratory school and an in-service educational program; and coordinating the development of the educational program.

PROGRAM: The efforts of the project thus far have been geared primarily toward gathering information from various exemplary programs throughout the country. Visitations have been planned and made to accumulate information regarding the technology of education, unique facilities, and programs aimed toward the individualization of instruction.

Investigations into the area of technology have resulted in the development of a file containing information on the use of planetaria in educational settings, particularly at the elementary level.

A project for Individualized Instruction in Austin, Texas, has been visited. Two other facilities incorporating many of the concepts for individualization of instruction have also been observed. One is located outside of Houston, Texas, and the other in Evanston, Illinois.

Consultant services have been used to provide the District with information for evaluation of pupil projects, development of programs for individualization of instruction, and development of a possible pilot program to be implemented in the summer of 1968.

The staff of the planning grant project have been working closely with architects in the development of the proposed Research Experimental Center. Dissemination of Research Center information has been accomplished in part through newspaper articles, journal articles and television.

Clark County School District
2832 East Flamingo Road
Las Vegas, Nevada 89109

Project Title:
Mathematics Computer Center

Funds Approved for Project:
\$102,985.00

Dr. James I. Mason
Superintendent of Schools

Dr. Virginia Gilbert
Project Director

PURPOSE: The purpose of the Title III Project Mathematics Computer Center was to place an NCR-310 computer at Valley High School in Las Vegas which would be available for use to all of the secondary students in the State of Nevada.

OBJECTIVES: The objectives of the Mathematics Computer Center project are: expanding and enriching the entire mathematics curriculum; helping students develop and organize thought processes and showing them the necessity of precise mathematical formulation and problem solving through utilization of the computer as a tool after the student has learned computer techniques; and improving attitudes and values concerning the status of computers in a modern technological society.

PROGRAM: The Mathematics Computer Center is located in Valley High School and is open from 8:00 a.m. until 5:00 p.m. while school is in session.

Clark, Las Vegas, Rancho and Western High Schools are equipped with flexi-writers and data transmission equipment. Students, using special telephone lines, transmit coded programs to the Center. The programs are processed by the computer and relayed back to the originating school. Basic and Boulder City High Schools also have flexiwriters, but use a courier service to the Center. All other high schools in Nevada mail programs for processing through the computer by student aides and results are mailed the same day.

Since the success of the project depends on teachers being trained in computer techniques and the incorporation of computer use in the curriculum, four in-service workshops have already been conducted. Participants were teachers of mathematics, science, and business education from various parts of Nevada.

Secondary mathematics teachers from Clark and Washoe counties participated in a curriculum development program. As a result of the work of the committee, a new minimum course in computer science contained in a series of Unipacs was introduced for the students. A student may proceed through these packets at his own rate, using the teachers as a resource person and evaluator.

A series of lesson plans designed for introducing the use of the computer into the existing eleventh and twelfth grade courses of studies were provided for the teachers.

As the project progresses, supplementary materials will be developed incorporating problems from science and business education.

Clark County School District
2832 East Flamingo Road
Las Vegas, Nevada 89109

Project Title:
Project Innovate

Funds Approved for Project:
\$302,911.00

Dr. James I. Mason
Superintendent of Schools

PURPOSE: Title III, ESEA Project Innovate was funded to aid in the establishment of educational television as an instructional tool in Nevada schools.

OBJECTIVES: The main objective of Project Innovate is to familiarize the Nevada educational community and the general public with the role of educational television in American society and, particularly, the role of instructional television in the classroom. To accomplish this, other objectives have been included such as: acquainting teachers and administrators with the potential of televised education; determining the common curriculum needs within Nevada's seventeen school districts; seeking means of utilizing instructional television to meet the expressed needs of Nevada schools; encouraging the participation of all community resources in the improvement of educational opportunities throughout Nevada; coordinating efforts of Nevada's commercial and educational broadcasters; and preparing teachers for effective utilization of televised instruction as well as to make them aware of the potential of closed circuit instructional techniques.

PROGRAM: Since the beginning of the program in 1966, several of the objectives have been met through a variety of activities. An Educational Television Advisory Committee has been appointed by the State Superintendent of Public Instruction. Through a legislative program developed by this ETV Advisory Committee, A Nevada Educational Communications Commission was created. Four advisory councils to this Commission were later formulated and the State Curriculum ETV Utilization Committee was also established.

A program of public information by means of a monthly newsletter, a bi-weekly publication entitled "Transmitter", and regular news releases to the press have kept all areas throughout the State apprised of project developments.

Channel 10 (KLVX) was planned and developed by the Clark County School District. Several programs have been telecast and three pre-recorded series have been distributed in each of the participating Nevada school districts.

Approximately one hundred Nevada educators attended six training seminars on the use and care of the teletrainer units. Twenty-five teletrainers were distributed throughout the seventeen counties. The University of Nevada assisted in the sponsoring of a telecommunications seminar.

Clark County School District
2832 East Flamingo Road
Las Vegas, Nevada 89109

Project Title:
Ruby Thomas I/D/E/A Project

Funds Approved for Project:
\$111,293.00

Dr. James I. Mason
Superintendent of Schools

William H. Wallin
Project Director

PURPOSE: ESEA Title III funds were granted to the Ruby Thomas I/D/E/A Project to assist in the development of worthwhile innovations in educational practice through the construction of exemplary programs, and also to supplement the existing programs and facilities of the schools.

OBJECTIVES: The primary objective of the program is to individualize learning for each student by providing opportunities for pupils to develop self-initiating and self-directing learning habits through such activities as independent study and special interest days. The special interest days were created in order to help satisfy another objective -- that of making school an exciting and interesting place for students. A third objective is to adapt teaching techniques and materials to the learning needs, styles and problems of each student by means of team teaching, teacher specialization, non-graded reporting methods, a multi-media library and flexible scheduling.

PROGRAM: Although grade level designations are still used at the Ruby Thomas School, in many respects the school is non-graded. Students at the primary level are grouped into first, second and third grade "pods" (learning centers). In order to meet individual needs, each student follows a varying schedule each day in his learning center with four teachers, as well as with special teachers in music and physical education. Intermediate level students are heterogeneously grouped according to need and without regard to grade level.

Teachers at Ruby Thomas Elementary School have prepared their own curriculum materials and have re-oriented commercially available print and non-print media for individualized instruction as well. The staff has made considerable effort to coordinate the learning experiences of boys and girls from kindergarten through grade six. To accomplish this goal, lines of communication have been established on a formal basis among all grade levels. At the present time, there are four planning teams which include teachers responsible for science, social studies, language arts, and mathematics. Weekly meetings are held by each of these teams to discuss coordination of the program among grades, instructional problems, and materials selection.

Since one of the objectives of the program is to make school an exciting and interesting place for students, a student interest period has been established. Friday mornings are used by students to pursue areas of special interest ranging from athletics to rocketry.

The Ruby Thomas School maintains a day school for the profoundly deaf children who reside in Clark County. Children are enrolled from the age of eighteen months through the upper elementary grades. The instructional program for these children includes a normal elementary program as well as special training in speech, language, and lip reading.

The student's self-concept, motivation, and self direction are primary concerns in the library area. Work is currently underway to further assist students in their development of these attributes. Library skills and attitudes have been identified. Learning objectives on both cognitive and effective domain have been written as part of the Title III project activities.

Clark County School District
2832 East Flamingo Road
Las Vegas, Nevada 89109

Project Title:
Virgin Valley Dissemination Project

Funds Approved for Project:
\$216,037.00

Dr. James I. Mason
Superintendent of Schools

Mr. David Anderson
Project Director

PURPOSE: The purpose of the Virgin Valley Dissemination Project is to explore innovations in current educational research, in learning situations, and in use of staff.

OBJECTIVES: The objectives of the program consist of the following: increasing research and providing dissemination of materials in innovate areas of non-gradedness; planning for variation in instructional size; planning for continuous progress; implementing new staffing patterns; providing for flexible scheduling procedures; incorporating team teaching; and promoting independent study.

PROGRAM: The staff was divided into three groups (curriculum development, summer school teaching, and university summer program attendance) in order to permit involvement in each of the major areas of thrust. Teachers working on curriculum spent their time developing lesson outlines, working on continuous progress, constructing visual aides, and preparing curriculum.

Teachers have been attending summer schools, federally financed workshops, and doing independent study towards advance degrees as part of this project.

The program made possible the first regular summer school held in the Valley. In addition to the regular academic subjects, the summer session included two operettas and a complete recreational program conducted in cooperation with the County Recreation Program.

In order to make the work of the project known to all citizens in the area, there is a planned schedule for publications, some of which have been disseminated and others that soon will be.

Clark County School District
2832 East Flamingo Road
Las Vegas, Nevada 89109

Project Title:
Wildlife Study Center Project

Funds Approved for Project:
\$22,740.42

Dr. James I. Mason
Superintendent of Schools

Mr. Dick Miller, Director
Wildlife Study Center Project

PURPOSE: The Wildlife Study Center ESEA Title III Project funds will help build a wildlife center on the campus of Western High School in Las Vegas for the study of Ecology.

OBJECTIVES: The primary objective of the Wildlife Study Center is to awaken the interest of students and adults in the conservation of natural resources. This will, in turn, create an awareness of the importance of these natural resources.

PROGRAM: The Wildlife Study Center Project encompasses parts of six states as its target area; Nevada, southern California, northern Arizona, southern Utah, northern New Mexico, and southern Colorado.

Initial planning indicates that the construction of the Center will be on the campus of Western High School in Las Vegas. The building will include a museum, library, art gallery, laboratory, auditorium, seminar rooms and offices. Local, state, federal conservation, educational organizations and several international conservation groups have been involved in the planning phase.

High school courses for credit, extra-curricular courses for high school students, enrichment courses for elementary and junior high students, adult education courses, and teacher training facilities for summer institutes will also be a part of the program.

Elko County School District
P.O. Box 1012
Elko, Nevada 89801

Project Title:
Curriculum Improvement in
Isolated Rural Schools with
Emphasis on Fine Arts

Funds Approved for Project:
\$115,292.00

Robert J. Zander
Superintendent of Schools

Harold Ridgway, Jr.
Project Director

PURPOSE: Aware that the curriculum used for the student needs in the larger single grade situation is not adaptable to the smaller, rural schools multi-grade situation, Elko County applied for Title III, ESEA funds. With these funds, they have begun to analyze the curriculum problems in the rural schools by bringing teachers together at a central meeting place, thus combating a communication-distance-time factor.

OBJECTIVES: The main objective of the Title III project has been to improve the educational opportunities of the rural school children in Elko County. Three things are being done to meet this end. First, through providing a Director of Rural Schools, who is responsible for all aspects of rural education, it is hoped that classroom teaching will improve through increased supervision. Second, the education in the rural schools will improve when teachers have an opportunity to inter-act with other teachers who have the same basic problems. Third is the development of an educational program unique to the needs of rural students in the rural school system.

PROGRAM: The Director of Rural Schools has increased his visits and observations to the ten rural elementary schools which are spread over a wide area of Elko County. Through the increased visits and observations, teachers have been able to secure help with the problems they encounter in their schools.

With the help of the ESEA funds, teachers from all the rural areas met every Saturday throughout the 1967-68 school year at a common meeting place. During these meetings, teachers analyzed the student needs in the rural schools and decided that the areas of music, art, science and physical education needed immediate consideration. The art and physical education programs, now in the final stages of planning, will become a part of the regular curriculum in the rural schools in the fall of 1968. Teachers will have an in-service training program during the summer of 1968 to give them the training necessary to utilize the new programs.

The teachers are attempting to develop an individualized approach to the study of science. Since January, four of the rural schools have been conducting a pilot project using individual science kits. Future plans include the completion of the science program and the construction of a music curriculum that can be used by each of the rural school teachers.

Elko County School District
P.O. Box 1012
Elko, Nevada 89801

Project Title:
Project Student Independent Quest

Funds Approved for Project:
\$72,000.00

Robert J. Zander
Superintendent of Schools

Paul S. Billings
Project Director

PURPOSE: The purpose of the Project Independent Quest program currently in its first year at the Carlin, Wells, and Owyhee High Schools, is to broaden and enrich the curriculum and opportunities of the high school students in these rural areas of Elko County. To accomplish this objective, each student is given an opportunity to work on an independent level and, hence, assume a greater responsibility for his own learning.

OBJECTIVES: The primary objectives of the Project Student Independent Quest are to aid the student by: broadening and enriching the curriculum and opportunities; providing for individual differences and individualization of instruction; developing independence of attitude, action, and thought in the students; and increasing the motivation of and developing new enthusiasm toward learning in students.

PROGRAM: A research staff of twelve teachers representing the three schools and all areas of the curriculum has been developing this new program. The Student Quest Project is being designed as a "Quest Package" program which will allow the student some flexibility with a minor amount of teacher supervision and direction. The Quest Project is an "outside of the regular class" offering.

Study suggestions for the Quest program were made by both the teachers and the students. Sixty-two Quest learning packet titles met the requirements of teacher availability and student ratings. Thirty-three of these were selected by the Research Staff for Quest Package development.

Some 76.5 percent of the teachers and 71.7 percent of the students in the three project schools have demonstrated a positive reaction to the Independent Quest concept.

Upon completion of Quest Projects, students will receive high school credit for their work. Approval for the granting of such credit has been given to the Project by the Nevada State Department of Education. General guidelines for the evaluation of completed Quest projects with policies and responsibilities have been established. Operational Policy Handbooks are currently being written to insure the orderly functioning of the Project in the operational phase to begin in September, 1968.

Humboldt County School District
P.O. Box 1070
Winnemucca, Nevada 89445

Project Title:
Planning for PACE

Funds Approved for Project:
\$25,000.00

Lyman P. Bruce
Superintendent of Schools

Glenn Nutting
Project Director

PURPOSE: The Humboldt County School District applied for a mini-grant in order to analyze its educational problems and make plans for research and improvement in the elementary arts instruction.

OBJECTIVES: Realizing that many students were unable to read, spell, or express their thoughts orally or in writing, teachers are using the funds provided by the mini-grant for staff development and curriculum planning. The program has been narrowed in scope and magnitude to include only the language arts curriculum in grades one through six.

PROGRAM: A special committee representing the elementary schools in Winnemucca, McDermitt, and the rural areas is the main task force. Representatives of the junior high school and Albert M. Lowry High School have been added to insure continuity and balance to the overall language curriculum. Because of the great distances between schools, the amplified telephone is being used to bring consultant services to the rural areas.

Staff visitations to exemplary programs, conferences for planning conducted by outside consultants, and better use of audio-visual materials and equipment are methods being used to study the Humboldt program and to learn of innovative methods being implemented or piloted in other school districts. In addition, a committee has also been selected to carry over from the mini-grant to a 1968-69 "Improvement in Language Arts" program.

Lincoln County School District
P.O. Box 118
Panaca, Nevada 89042

Project Title:
Curriculum Research,
Pupil-Personnel Service
and Demonstration Teacher
Center

Funds Approved for Project:
\$146,926.90

Preston R. Price
Superintendent of Schools

Alvin F. Hastings
Project Director

PURPOSE: The PACE Title III Project for the Lincoln County School District is a program for the establishment of a curriculum research center, a pupil-personnel service center, and a demonstration teacher center.

OBJECTIVES: The project was developed to function in the county administrative structure and to cover the areas of curriculum study and development, the expansion of guidance services, and demonstration teacher services.

PROGRAM: Those things being developed under the curriculum study and development phase of the project include: coordinating textbooks within the various small schools in the county; developing educational television and other curriculum innovations; in-service training for teachers in the areas of new instructional media; and methods to improve the cultural opportunities of students.

The guidance services are being expanded to include early identification of learning difficulties of children, student testing and evaluation, evaluation of current programs, and in-service training of the staff to meet the needs of the children. Additional work is being done to provide educational opportunities for homebound students, retarded children, drop-out candidates and any others needing special programs.

The demonstration teacher services phase of the project includes work on curriculum innovation, instructional improvement programs, furnishing release time for teaching principals, and evaluation and improvement of the educational program.

Lyon County School District
P.O. Box GG
Yerington, Nevada 89447

Project Title:
Learning Laboratory for
Civics, Geography, and
History

Funds Approved for Project:
\$16,897.00

Robert Best
Superintendent of Schools

Craig Blackham
Project Director

PURPOSE: ESEA Title III funds were provided for the Yerington Elementary School to help construct a program with a new approach to the teaching of social studies, including a laboratory to be used by the students of history, geography and civics.

OBJECTIVES: The main objective of the Social Studies Laboratory Project is to give students the opportunity for more individual research. This is accomplished by supplying a laboratory with maps, charts, globes, projectors, working tables, and other materials. Through written projects prepared by the teachers, the youngsters can work in groups or as individuals in an independent manner, and then bring their findings to the group. This "learn by doing" method will enable the student to work and gain knowledge at his own rate. It also creates a more relaxed situation so as to stimulate a closer rapport between the student and teacher.

PROGRAM: A group of teachers from the Yerington schools, the elementary school librarian, and Mr. Jack Clark of the State Department of Education have been instrumental in developing the laboratory and instructional units. The physical size of the laboratory is about 30' X 35'. Demonstration tables, cart-a-walls, projectors, globes, maps, charts, and special games are all part of the laboratory. As a result of two summer curriculum programs, the social studies staff have prepared laboratory units which are used as strengthening devices for the program. The students utilize these units in the laboratory, studying either individually or in small groups.

Since the library is also the center for most of the audio-visual and reference materials needed for the units, the school librarian has been working closely with the social studies department and the students.

Ormsby County School District
P.O. Box 603
Carson City, Nevada 89701

Project Title:
Educational Resource and
Service Center

Funds Approved for Project:
\$218,048.54

John Hawkins
Superintendent of Schools

Richard M. Gunkel
Director of Special Projects

PURPOSE: The Educational Resource and Service Center for Ormsby County School District has been established through Title III funds and is presently directing its efforts toward planning, development, research, and implementation of curriculum materials and instructional strategies to individualize educational programs for secondary students.

OBJECTIVES: The primary objectives of the project include: continuous progress in individualization of learning; focus upon conceptual knowledge rather than only covering factual content; behavioral goals that can be measured in terms of student performance; and a commitment to create an awareness in both the educational community and the community-at-large of the scope and necessity of the program.

PROGRAM: Teams of secondary teachers in science, mathematics, social studies and language arts have been meeting weekly on a regularly assigned basis throughout the school year for evaluation and planning sessions. Project staff members will apply a task force approach during the summer months for the development and production of curriculum materials. Other activities in which project staff have been engaged include: visitations to other exemplary educational institutions for field observation and analysis of promising trends and practices; participation in state, regional and national conferences which announce agenda relating to program objectives; viewing films and listening to taped lectures which support the assumptions of the project and provide positive identification of the work to the staff; and involvement in short-term inter-action seminars of new methods, materials, and ideas relating the theory of learning to the practical issues and problems of the "real situation".

Pershing County School District
P.O. Box 389
Lovelock, Nevada 89419

Project Title:
Western Nevada Regional
Service Center

Funds Approved for Project:
\$315,053.00

Marvin Killfoil, Chairman
Regional Board of Directors
Superintendent of Schools

Victor Hyden
Project Director

PURPOSE: The purpose of the Western Nevada Regional Service Center is to provide assessment, planning, developmental, management, evaluative and dissemination assistance to the eight cooperative school districts within the Region. These eight school districts include: Churchill County; Douglas County; Humboldt County; Lyon County; Mineral County; Ormsby County; Pershing County; and Storey County.

OBJECTIVES: The objectives of the program consist of the following: The design of an educational management information system; the application of the educational management information system to obtain a uniform data base; the identification of priority educational needs based upon a uniform data base; the development of immediate and long range educational goals; the development of educational program strategies and alternative treatments at the school district and regional level; the development of operational management strategies for comprehensive educational programs within the region; the development of process and product evaluative designs and feedback mechanisms for educational programs within the region; and the development of dissemination - diffusion models and demonstrations for the replication and adoption of educational programs within the region.

PROGRAM: Three professional specialists and two secretaries serve as staff for the Regional Center. The professional staff include a management specialist, a research-evaluation specialist and a program-dissemination specialist. None of the small school districts within the region have access to professional personnel with expertise in any of the three areas covered by the Center staff. Basically, the Center staff serve to augment the county staff of each of the participating districts.

The initial mission of the Regional Center is to establish an educational information system for all school districts within the region. The identification, retrieval and analysis of educational information on a continuous basis will enable the Center staff to assist the school districts with educational program planning, development, monitoring and evaluation.

Once an information system has been designed and implemented, the Center staff will direct their efforts toward the refinement of the system and toward assisting school districts in the application of basic data to improve educational opportunities for children.

Washoe County School District
425 East Ninth Street
Reno, Nevada 89502

Project Title:
Washoe Awareness Study Project

Funds Approved for Project:
\$60,732.00

Marvin Picollo
Superintendent of Schools

Marvin L. Moss, Director
Program Development

PURPOSE: The Washoe Awareness Study Project (WASP) has been funded as a planning program. Its prime objective is finding ways to carry out selected innovative practices in buildings designed to accommodate traditional programs.

OBJECTIVES: Although the design of the school plant influences the type of program carried on in a building, the most important and valuable elements must be both the teacher and the student. The main objective of WASP, then, is the most effective utilization of the time and talent of both the teachers and students.

PROGRAM: Two areas, "team teaching" and "ungraded schools", received intensive study and consideration for adaptation to the Washoe school system.

As part of the WASP project, two pilot programs in team teaching were undertaken; one at Wooster Senior High School in English, the other at Sparks Junior High School in social studies.

The Wooster team consists of five teachers and a team assistant. In this program, the five members of the team have undertaken the instruction of 150 sophomores in a single class period.

The Sparks Junior High Team is made up of two teachers, the librarian, a team assistant and a student teacher. This team is operational four periods a day in the seventh and eighth grade social studies classes. The team is responsible for approximately one-hundred students in each class period.

Plans are now underway for the expanded use of teams in the Wooster English department and for the formation of interdisciplinary teams for a humanities program at Reno High School.

The non-graded school is undergoing intensive study with a goal of September, 1968, established for the implementation of the modified ungraded concepts in selected elementary schools.

White Pine County School District
P.O. Box 400
East Ely, Nevada 89315

Project Title:
Instructional Media

Funds Approved for Project:
\$25,344.00

John Orr
Superintendent of Schools

Donald R. Woelfle
Workshop Coordinator

PURPOSE: The "Instructional Media" ESEA Title III Project in the White Pine County School District was funded to provide assistance for the structuring of a workshop in conjunction with the Teaching and Resource Center at the University of Nevada.

OBJECTIVES: In order to improve the classroom learning situation, the objective of the project was to introduce teachers to the new methods and uses of the various media available in education today.

PROGRAM: The workshop schedule covered several topics which included: individualizing the instructional program; teaching with educational television; using the inquiry method in teaching; teaching with films and other materials; developing a flexible schedule and a non-graded school; using team teaching; and developing study skills and attitudes for learning.

Participants in the workshop were also scheduled into various activities designed to acquaint them with machines and materials. They were later divided into four smaller groups for purposes of evaluation and written reports of the various presentations. Their reports were then compiled into a summary. Each of the workshop participants was responsible for transmitting his newly gained knowledge to two trainees.

Two conferences have been conducted with consultants in order to discuss topics the group wished to explore in greater depth. One conference was held with two consultants on primary science and demonstration methods of science teaching in the intermediate grades. The second involved three consultants who covered the following topics: the initial teaching alphabet; developing logical, sequential 8mm films, filmstrips and slides; and the development of an instructional materials center and instructional kits.

White Pine County School District
Suite 216, Nevada Hotel
Ely, Nevada 89301

Project Title:

Eastern Nevada Regional
Service Center

Funds Approved for Project:

\$315,053.00

John Orr, Chairman
Regional Board of Directors
Superintendent of Schools

Dr. Robert Richman
Project Director

PURPOSE: The purpose of the Eastern Nevada Regional Service Center is to provide assessment, planning, developmental, management, evaluative and dissemination assistance to the seven cooperative school districts within the Region. These seven school districts include: Elko County; Esmeralda County; Eureka County; Lander County; Lincoln County; Nye County; and White Pine County.

OBJECTIVES: The objectives of the program consist of the following: The design of an educational management information system; the application of the educational management information system to obtain a uniform data base; the identification of priority educational needs based upon a uniform data base; the development of immediate and long range educational goals; the development of educational program strategies and alternative treatments at the school district and regional level; the development of operational management strategies for comprehensive educational programs within the region; the development of process and product evaluative designs and feedback mechanisms for educational programs within the region; and the development of dissemination - diffusion models and demonstrations for the replication and adoption of educational programs within the region.

PROGRAM: Three professional specialists and two secretaries serve as staff for the Regional Center. The professional staff include a management specialist, a research-evaluation specialist and a program-dissemination specialist. None of the small school districts within the region have access to professional personnel with expertise in any of the three areas covered by the Center staff. Basically, the Center staff serve to augment the county staff of each of the participating districts.

The initial mission of the Regional Center is to establish an educational information system for all school districts within the region. The identification, retrieval and analysis of educational information on a continuous basis will enable the Center staff to assist the school districts with educational program planning, development, monitoring and evaluation.

Once an information system has been designed and implemented, the Center staff will direct their efforts toward the refinement of the system and toward assisting school districts in the application of basic data to improve educational opportunities for children.